

Handwritten: 1/2 1000000 H.

2

78. The time constant of transient phenomena. $\Delta, \Delta y$.
 F. A. M. C. C. (Bucharest). *A Magyar Tudományok Akadé-*
miájának Tudományok Osztályának Közleményei.
 Vol. 22, 1958, No. 1-3, pp. 167-164, 2 figs.

RB
 111

The determination of the characteristic parameter of transient phenomena, defined in terms of a hyperbolic differential equation or a vibration equation, was studied. It was shown that the characteristic parameter of general nature, suitable for describing and comparing the above phenomena, is the ratio of the area below the curve representing the equation of state to the initial time i.e. the quotient derived from the time necessary for the centre to assume the value of the stabilized mean. The obtained results are applied for the practical cases of a plane, a cylinder and a sphere.

AVRAMESCU, Aurel

Treating diffusion problems by analogy with transmission problems.
Rev electrotechn energet 4 no.2:237-245 '59. (EEAI 10:1)

1. Corresponding member of the Academy of the R.P.R.
(Diffusion) (Electric networks)
(Differential equations)

AVRAMESCU, A.

Characteristics of the diffusion phenomena in closed systems determined by means of a time constant. p. 433.

COMUNICARILE. Bucuresti. Vol. 9, no. 5, May 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

S/194/62/000/004/025/105
D222/D309

13-0000
AUTHORS: Avramescu, Aurel and Leon, Mihai
TITLE: New criteria for the characteristics of the transient processes in automatic systems
PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 4, 1962, abstract 4-2-73y (Probl. automat., 1960, no. 4, 5-24)
TEXT: Many textbooks make reference to the analytical derivation of parameters characterizing the transient processes in automatic systems. It is asserted that none of these methods is sufficiently convincing. It is shown in this paper that it is possible to establish such criteria and parameters which are based on the internal properties of the elements and of the automatic system, and which are in a mutual relationship with the variables and analytical expressions characterizing the latter. The following concepts are introduced: The transient process time in the system, the rise time, the time constant, the time until the first maximal peak,
Card 1/2

AVRAMESCU, A.

Characterization of the diffusion phenomena in closed circuits by means of time constants. Rev electrotechn energet 5 no.1:13-21 '60.

(EEAI 10:4)

1. Korrespondierendes Mitglied der Akademie der EWR
(Heat) (Electric circuits)

AVRAMESCU, Aurel

Damping effect of the Foucault transitory currents in magnetic cores.
Rev electrotechn energet 5 no.2:271-280 '60. (EEAI 10:5)

1. Membre correspondant de l'Academie de la Republique Populaire
Roumaine.

(Foucault's pendulum)
(Electric currents)
(Magnetic cores)

AVRAMESCU, Aurel, dr. ing.

"Introduction to the theory and application of the Laplace transformation" by G.Doetsch. Reviewed by Aurel Avramescu.
Elektrotehnica 9 no.3:111-112 Mr'61

AVRAMESCU, Aurel, dr. ing.

Scientific Session of the Electric Power Institute of the
Rumanian Academy. Electrotehnica 9 no.5:180-181 My '61.

AVRAMESCU, A., dr., ing., prof.

100 years of the birth of Nikolay Delivc-Dobrevcl'skiy. Electrotehnica
10 no. 1:34-35. Ja '61.

1. Membru corespondent al Academiei R.P.R., Membru al Ccmitetului de
redactie si Redactor responsabil, "Electrotehnica."

AVRAMESCU, A., dr., ing., prof.

"Transient phenomena in electric systems. Theory and computation"
by W.A. Wenikow [V.A. Venikov] and L.A. Shukow [L.A. Shukov].
Reviewed by A. Avramescu. Electrotehnica 10 no.1:38 Ja '61.

1. Membru corespondent al Academiei R.P.R., Membru al Comitetului
si Redactor responsabil, "Electrotehnica."

AVRAMESCU, Aurel

A new cumulative integral criterion for the optimization of automatic systems. Comunicarile AR 11 no.10:1181-1193 0 '61.

1. Membru corespondent al Academiei R.P.R.

S/196/62/000/014/040/046
E194/E155

AUTHOR: Avramescu, Aurel.

TITLE: Thermal design of plane contacts of finite dimensions

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.14, 1962, 20, abstract 14 I 136. (Rev. elektrotechn.
et energ. (RPR), v.6, no.1, 1961, 5-24). (German)

TEXT: The temperature of contacts is considered for a number
of cases when the surface of contact is great (busbar joints,
butting heavy-current contacts, etc). The temperature distribution
expression is obtained in the general form for transient and steady-
state conditions. With a number of assumptions expressions may be
obtained for individual special cases corresponding to those met in
practice. A method is given for calculating the temperature
distribution under steady-state conditions.
4 illustrations, 16 references.

[Abstractor's note: Complete translation.]

Card 1/1

AVRAMESCU, A., dr.ing.,prof.

"Analysis and synthesis of automatic linear systems" by C. Vazaca.
Reviewed by A. Avramescu. Electrotehnica 9 no.12:449-450 D '61.

1. Membru corespondent al Academiei R.P.R., membru al Comitetului
de redactie si redactor responsabil, "Electrotehnica"

AVRAMESCU, Aurel, dr. ing. (Bucuresti); RADULET, Remus, prof. dr. ing. (Bucuresti); HORTOPAN, Gheorghe, conf. ing. (Bucuresti)

The 27th General Meeting of the International Electrotechnical Commission, Bucharest, June 24-July 7, 1962. Electrotehnica 10 no.9:325-334 S '62.

1. Membru corespondent al Academiei R.P.R. (for Avramescu).
2. Membru corespondent al Academiei R.P.R., Director al Institutului de energetica al Academiei R.P.R. (for Radulet).
3. Director tehnic al Institutului de cercetari electrotehnice (for Hortopan).

IVANICU, Anel

RUMANIA

Corresponding Member of the Academy of the PPR

Bucharest, Studii si Cercetari de Energetica/Seria A
Electrotehnica Generala si Electrotehnica, No 2, 1962, pp 289-292.

"Performance of Semi-Conductor Rectifier Cells."

AVRAMESCU, An. el, prof. dr. ing.

Performances and industrial application of the power rectifiers with semiconductors. Electrotehnica 10 no.2/3:95-108 F-Mr '62.

1. Membru corespondent al Academiei R. P. R., sef de laborator la Institutul de Cercetari Electrotehnice, membru al Comitetului de redactie al redactor responsabil, "Electrotehnica."

AVRAMESCU, Aurel

A new quadratic integral criterion for the obtainment of optimum automatic systems. Comunicarile AR 12 no.3:303-310 Mr '62.

1. Membru corespondent al Academiei R.P.R.

AVRAMESCU, A., dr. ing.; DRAGAN, Gleb, candidat in stiinte tehnico,
ing.; POPA, Badea, ing.

Protection of oil product reservoirs against lightning and
electrostatic charges. Petrol si gaze 13 no.2:82-89 F '62.

1. Membru corespondent al Academiei R.P.R. (for Avramescu).

AVRAMESCU, A., dr. ing.

"Technic of the electric switch of high tension alternative current" by [prof. dr. ing.] H. Schulze. Reviewed by A. Avramescu. Electrotehnica 10 no.5:181-182 My '62.

AVRAMESCU, A., dr. ing.

Influence of altitude on the insulation coordination.
Electrotehnica 10 no.6:237-238 J. '62.

S/194/62/000/012/018/101
D201/D308

16.8000

AUTHOR:

Avramescu, Aurel

TITLE:

A new integral-squared optimization criterion for automatic systems

PERIODICAL:

Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1962, 42, abstract 12-2-84 k (Comun. Acad. RPR, v. 12, no. 3, 1962, 303-310 (Rum.; summaries in Rus. and Fr.))

TEXT: By applying the Laplace transformation and the relationship between the transient function and overshoot, the criterion

$$I = \frac{1}{\pi} \int_0^{\infty} |Y(-\sigma_1 + j\omega)|^2 - \frac{du}{\sigma_1^2 + \omega^2} < M$$

Card 1/2

AVRAMESCU, Aurel, academician

Contributions to the dynamic behavior characterization of the
automatic control and measuring systems. Probleme automatiz
17-28 5 N '62.

AVRAMESCU, Aurel, dr. ing. (Bucuresti); DRAGAN, Gleb, conf. ing. (Bucuresti);
ADAMUT, Iosif, ing., (Bucuresti); POPA, Badea, ing., (Bucuresti)

Insulation of high tension stations in the light of Rumanian national standards, the International Electrotechnical Commission, and several tests carried out with some Rumanian-made insulators. Electrotehnica 10 no.9:335-347 S '62.

1. Membru corespondent al Academiei R.P.R. (for Avramescu).
2. Sef laborator la Colectivul de tensiuni inalte al Institutului de energetica al Academiei R.P.R. (for Dragan).
3. Cercetatori stiintifici la Colectivul de tensiuni inalte al Institutului de energetica al Academiei R.P.R. (for Adamut, Popa).

AVRAMESCU, Aurel, dr. ing. (Bucuresti); TANASESCU, Florin, ing. (Bucuresti)

Progress and prospects of the electric and electrotechnical industry
in the U.S.S.R. Electrotehnica 10 no.11:401-408 N '62.

1. Membru corespondent al Academiei R.P.R., sef de laborator la
Institutul de Cercetari Electrotehnice (for Avramescu). 2. Cercetator
la Institutul de Cercetari Electrotehnice (for Tanasescu).

AVRAMESCU, A., dr. ing.

"Experimental and theoretical studies on the insulating technology
of stator bars in C.M.R. turbogenerators" by [ing.] Aurel Nanu.
Reviewed by A. Avramescu. Electrotehnica 10 no.11:433-434 N '62.

AVRAMESCU, Aurel

On the square integral criteria of optimum automatic systems. Probleme
automatica 4:3-8 '63.

1. Membru corespondent al Academiei R.P.R.

AVRAMESCU, A., dr. ing.

"Introduction to electrotechnics; a guide and collection of problems" by K. Lunze, E. Wagner. Pt. 1. Reviewed by A. Avramescu. Electrotehnica 10 no.7:277 J1 '62.

S/271/63/000/002/015/030
A060/A126

AUTHOR: Avramescu, Aurel

TITLE: New general integral criterion for optimizing automatic control systems

PERIODICAL: Referativnyy zhurnal, Avtomatika, Telemekhanika i Vychislitel'naya Tekhnika, no. 2, 1963, 72, abstract 2A446 (Rev. électrotechn. et énerg. (RPR) 1962, v. A7, no. 1, 155 - 165, German; summaries in French, Russian and English)

TEXT: The author derives a criterion for optimality with respect to speed of performance for controlled (regulated) linear dynamic systems, based on the investigation of the derivatives of the system transfer function transformed by the Laplace transform: $Y(s)$ for $S \rightarrow 0$:

$$I_n = \int_0^{\infty} t^n x \Delta(t) dt = \frac{(-1)^{n+1}}{n+1} y(n+1). \quad (1)$$

It is demonstrated that the optimality of the parameters of the system depends

Card 1/2

New general integral criterion for...

S/271/63/000/000/015/030
A060/A126

on the reduction of the values of the primitive function along the negative real axis in the neighborhood of its intersection with (1). It is indicated that the existing integral criteria of the rapidity of the system are special cases of the new criterion; the features of the latter are described. The criterion is applicable to the investigation of closed and open systems, it may be utilized in the design and improvement of existing systems. Derivations given for the time-constant of the system from the primitive function and the relationship between the derivatives of the error function and the transfer function. There are 4 figures and 17 references.

Ye. B.

[Abstracter's note: Complete translation]

Card 2/2

AVRAMESCU, Aurel, academician

Characterization of transitory phenomena development by means of
some functions of time integrals. Comunicarile AR 13 no.3:259-265
Mr '63.

AVRAMESCU, A., dr. ing.

"Arc interruption and circuit breaking" by H. Edeles
(from "Electr. Rev." v.171, no. 26, 1962). Reviewed by A.
Avramescu. Electrotehnica 11 no. 5:194-195 My '63.

AVRAMESCU, A., academician

"Lectures on electrotechnic bases" by A. Timotin, V. Hortopan.
Vol.1. Reviewed by A. Avramescu. Electrotehnica 11 no.6:231-
232 Jo '63.

AVRAMESCU, A.

"Contribution to the theory and calculation of electric circuits with nonlinear elements" by P.Stanciulescu. Reviewed by A.Avramescu. Electrotehnica 11 no.8:310 Ag'63.

AVRAMESCU, A.

"State and problems in connection with high voltage engineering and operation of large transformers" by W. Rabus. Reviewed by A. Avramescu. Electrotehnica 11 no. 9:349-350 S'63.

"Impulse testing of electric power and measurement transformers" by W. Auth. Reviewed by A. Avramescu. 350-351.

AVRAMESCU, A., dr. ing.

"Development of medium voltage in the electric distribution networks of France" by A. Dejou, R. Pelissier. Reviewed by A. Avramescu. Electrotehnica 11 no. 10:386-387 0'63.

Academician Corneliu Miklosi; obituary. 397-398

The 1963 Leipzig Fall Fair. 398

AVRAMOV, A.

Subtotal resection of the spleen in cysts in childhood.
Khirurgia (Sofia) 16 no.7:660-663 '63.

1. Iz Klinikata po bolnichna khirurgia pri VMI [Vissh medi-
tsinski institut] - Sofia.
(SPLEEN) (CYSTS) (SPLENECTOMY)

AVRAMESCU, Aurel, acad.; DRAGAN, Glob; ADAMUT, Iosif; PETCU, Mircea

Switching overvoltages modeled by a quadripole. Rev electrtechn energet
9 no.3:331-339 '64

AVRAMESCU, Aurel (Bucuresti)

Technical progress in the construction of low tension connecting gears. Electrotehnica 12 no. 3:81-91 Mr '64.

1. Director General, Center of Scientific Documentation of the Rumanian Academy.

AVRAMESCU, Aurel, acad. dr. ing. (Bucuresti)

Research activity, an important factor in raising the technical level of the electrotechnical industry. Electrotehnica 12 no.1/2:15-26 Ja-F '64.

1. Head of the Laboratory of High Tension Voltage of the Research and Electrotechnical Planning Institute.

AVRAMESCU, A.

Session of Communications of the Electric Power Institute,
Rumanian Academy. Electrotehnica 12 no.5:198-199 My'64.

AIVAMESCU, Aurel, acad. cr. ing. (Bucuresti)

Rumanian contributions to the compensation of reactive and distorted electric power. Electrotehnica 12 no.6:201-205 Ju '64.

1. Director General, Scientific Documentation Center of the Rumanian Academy.

AVRAMESCU, Aurel, acad.

Research and Electrical Engineering Planning Institute at the
Fourth Session of the Technical and Scientific Reports.
Electrotehnica 12 no.11:435-438 N '64.

AVRAMESCU, Aurel, acad. dr. inz.

Jubilee Session of the Research Institute of Electrotechnical
Industry in Hungary. Electrotehnica 13 no.1:37-38 Ja '65.

L 1040-66 EWP(v)/EWP(k)/EWP(h)/EWP(l)

ACCESSION NR: AP5025942

RU/0004/65/000/004/0121/0128

AUTHOR: Avramescu, Aurel (Academician ARPR, Doctor, Engineer, General director) ⁴⁴ 45

TITLE: Contributions to a synthetic evaluation of transient phenomena ⁴⁵ B

SOURCE: Electrotehnica, no. 4, 1965, 121-128

TOPIC TAGS: information theory, automatic control, automatic control system 11

ABSTRACT: [Author's English summary modified]: The author ^{9 44} derives the transient behavior of a system under the influence of external forces or excitations by analyzing the transfer function and its successive derivatives near the origin of the complex plane and for very large amplitudes (in accordance with the methods developed for automatic control synthesis). This permits a forecast of the system's optimum transient behavior over a period of time in accordance with the variation of the system parameters. Orig. art. has: 2 figures, 36 formulas, and 1 graph.

Card 1/2

L 1040-66

ACCESSION NR: AP5025942

2

ASSOCIATION: Centrul de documentare stiintifica al Academiei RPR (Center for Documentation of the RPR Academy), 114

SUBMITTED: 01Feb65

ENCL: 00

SUB CODE: IE, MA

NR REF SOV: 001

OTHER: 021

JPRS

Card 2/2

L 41680-66 EWP(w)/EWP(c)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(l) IJP(c) JD
ACC NR: AP6031206

SOURCE CODE: RU/0004/65/000/005/0177/0186

AUTHOR: Avramescu, Aurel (Doctor; Engineer); Barbu, Ion (Engineer)

ORG: [Avramescu] Scientific Documentation Center, RPR Academy (Centrul de documentare stiintifica al Academiei R.P.R.); [Barbu] I.G.P.E.

TITLE: Wear tests of contacts on contactors

SOURCE: Electrotehnica, no. 5, 1965, 177-186

TOPIC TAGS: electric engineering, electric device

ABSTRACT: A report on wear tests of low-voltage interrupter contacts relating the amount of wear to the material, the current and the number of connections. The tests covered contacts made of Ag, AgCd, AgCu and AgZn; nominal currents of 10, 25, 60 and 100 amperes; and up to one million connections. For each material, wear was found to increase almost linearly with number of connections; the general conclusion reached was that the optimal contact for any concrete design situation must be determined in terms of the specific use conditions planned. Orig. art. has: 8 figures, 5 formulas and 4 tables. [Based on authors' Eng. abstr.]
[JPRS: 32,482]

SUB CODE: 09 / SUBM DATE: 15Feb65 / ORIG REF: 006 / SOV REF: 004
OTH REF: 019

Card 1/1 af

YUGOSLAVIA

MIRKOVIC, Aleksandar; MLADENOVIC, Dragomir and AVRAMOVIC, Dusan; Clinic of Obstetrics and Gynecology of Medical College (Ginekolosko-akuserska klinika Medicinskog fakulteta,) Head (Upravnik) Prof Dr Bosiljka MILOSEVIC, Belgrade.

"Torsion of the Uterine Adnexa."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 93, No 3, Mar 65; pp 277-282.

Abstract [French summary modified]: Of 4685 laparotomies done in 58 months 1960-1964, 54 were with the indication of adnexal torsion; frequency has been increasing regularly every year from 0.9 in 1960 to 1.7% in 1964. Except for ectopic pregnancy, adnexal torsion is now the most frequent ob-gyn emergency surgical procedure. Five tables; 3 Yugoslav and 5 Western references. Ms rec 6 Jan 65.

1/1

AVRAMESCU, C.; SLAVOACA, D.

Geological, lithological, and hydrogeological observations in the Sfanta-Ana massif, Bodoc mountains. p. 465. Academia Republicii Populare Romine. COMUNICARIILE. Bucuresti. Vol. 6, no. 3, Mar. 1956.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, no. 9, Sept. 1955

AVRAMESCU, C.

Exotic Forest Kinds in Cimpulung-Muscel. p. 355. REVISTA PADURILOR.
(Asociatia Stiintifica a Inginerilor si Technicienilor din Romania
si al Ministerului Agriculturii si Silviculturii) Bucuresti. (Journal
on Forestry issued by the Scientific Association of Engineers and
Technicians of Rumania and the Ministry of Agriculture and Forestry;
with Russian summaries. Monthly) Vol. 70(1.e. 71), no. 6, June, 1956.

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5,
no. 11, November, 1956.

AVRAMESCU, C.

Differential systems with nonhomogeneous boundary conditions.
Studii mat Iasi 11, no.1:23-28 '63.

FERENCZ, I.; DELIU, M.; DEFTU, Tr.; SERB, I.; FREYMER, B.,
AVRAMESCU, C.; VLAD, I., conf.

Contributions to the **study** of wools in the Iasi region.
Ind text Rum 15 no. 2.00-65 F '64.

1. Polytechnic Institute, Iasi (for Vlad).

L 2356-66 EPF(n)-2/ENP(1) IJP(c) WW/BC
ACCESSION NR: AP5026377

RU/0007/65/016/002/0128/0131

AUTHOR: Avramescu, I. (Engineer)
44

TITLE: Rational utilization of centralized control devices

SOURCE: Petrol si gaze, v. 16, no. 2, 1965, 128-131

TOPIC TAGS: automatic control system, automatic control, pipeline transportation system
9.44

ABSTRACT: The author discusses the determination of the amount of centralized automatic control required as a function of the type of system being automated. The example used is the gas supply system for a large number of consumers. Orig. art. has 8 formulas and 2 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, GO

NO REF SOV: 009

OTHER: 002

JPRS

Card 1/1
JP

AVRAMESCU, L.

TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE. PRODUSE VEGETALE. No. 5, 1958.

AVRAMESCU, L. Experimental measures for improving the work system of workers in oil, soap, and cosmetic manufacturing plants. p. 26.

Monthly List of East European Accession (EEAI) LC, Vol. 8 no. 3
March 1959 Unclass.

Avramescu
RUMANIA/Soil Science. Mineral Fertilizers.

I-5

Abs Jour: Referat Zh-Biol., No 6, 25 March, 1957, 22499

Author : Avramescu

Inst :

Title : Feeding of Vegetable Crops During Vegetation.

Orig Pub: Gradina, via si livada, 1956, 5, No 7, 7-11

Abstract: Recommended doses, depth and period of addition for dry and liquid feeds for tomatoes, peppers, cabbage and cucumbers.

Card : 1/1

-14-

L 55178-12 EWA(d)/EWP(t)/EWP(r)/EWP(b)/EWA(c) Pf-4 JD/HW 18
 ACCESSION NR: AP5017595 RU/0017/64/000/007/0302/0308

AUTHOR: Avramescu, S. (Engineer)

TITLE: Considerations on the manufacture of steel wires for pullropes

SOURCE: Metalurgia, no. 7, 1964, 302-308

TOPIC TAGS: wire, metal tensile strength

ABSTRACT: The author found that the final tensile strength of traction cables made of patented and drawn wire increases with increased carbon content and with the reduction of cross-sectional width; and that the number of alternating bendings as well as the number of torsions increases when the cross-section is reduced. Orig. art. has: 7 tables, 6 graphs, 1 figure.

ASSOCIATION: Uzinele "Industria omei", Cimpia Turzii (Wire Industry Plant)

SUBMITTED: CC

ENCL: 00

SUB CODE: MM, IE

NR REF SOV: 000

OTHER: 006

JPRS

Cord 1/1

SOV/112-58-1-66

Translation from: Referativnyy zhurnal, Elektrotehnika, 1958, Nr 1, p 6 (USSR)

AUTHOR: Avramesku, A. Zh.

TITLE: Transient Skin Effect (Perekhodnyy poverkhnostnyy effekt)

PERIODICAL: Zh. elektrotekhn. i energet. Akad. RNR, 1956, Vol 1, Nr 1,
pp 75-88

ABSTRACT: A transient skin effect set up by a unit pulse applied to the surface of a cylindrical conductor is calculated. In deducing transient values of electric and magnetic field strengths in the cross section, the author uses Maxwell's equations written in a cylindrical coordinate system. Operational calculus is used for solution of the equations. The originals of electric and magnetic field strengths $H(t)$ and $E(t)$ are determined by a direct integration of Bessel functions on the complex plane. Expressions are presented for operator admittance of the conductor, effective impedance, internal inductance of the conductor, and magnetic and thermal energies generated and consumed during the transient period. Bibliography: 5 items.

T.A.T.

AVAILABLE: Library of Congress

Card 1/1 1. Conductors--Electrical properties 2. Conductors--Surface properties
3. Mathematics

LAMPEKO, S.N., inzhener (Moskva); AVRAMETS, V.V., inzhener (Moskva).

Calculating foundations for tower installations. Strel.pred.
soft.prom. 1 no.4:12-15 Jo '56. (MIRA 9:9)
(Foundations)

AVRAMIE, P., AND OTHERS.

The fiftieth anniversary of the port of Constanta. n. 371.

REVISTA TRANSPORTURILOR, (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania si Ministerul Transporturilor Rutiere, Navale si Aeriene)
Bucuresti, Romania. Vol. 6, no. 9, Sept 1959

Monthly List of East European Accessions (VEAI) LC Vol. 9, no. 2, Jan 1960

Uncl.

AVRAMKOV, N.

Example for young people. Posh.delo 6 no.8:17
Ag '60. (MIRA 13:8)

1. Nachal'nik posharnogo otryada, Leningrad.
(Leningrad--Firemen)

AVRAMKOV, N.

Three courageous men. Pozh.delo 7 no.4, 24 Ap '61. (MIRA 14:4)

1. Zamestitel' nachal'nika otdela Upravleniya pozhar'noy okhrany
Leningrada.

(Leningrad--Firemen)

PRIADGNCU, Al.; AVRAMDAIE, P.; DOUCET, Victoria

The effect of seed irradiation on the first three generation
of flax. Rev biol 6 no.4:391-400 '61.

1. Instituto for Agricultural Research. Plant Breeding
Section.

PRIADCENCU, Alexandru; AVRAMOAE, P.; MOISESCU, M.; CERNESCU, L.

Studies on the biological effects of thermal neutrons and X-ray
irradiations in autumn barley. Rev biol 5 no.3:177-191 '60.

(EEAI 10:4)

1. Section of genetics and Plant Breeding Institute of Agricultural
Research of the Academy of the R.P.R.

(BARLEY)

(NEUTRONS)

(X RAYS)

AVRAMOV, Atanas

Some price problems in public catering in Bulgaria. Trud tseni
5 no.5:36-44 '63.

AVRAMOV, A.

MARINOV, D.; KOLIKOVSKI, N.; AVRAMOV, A.

Surgical treatment of cholelithiasis. Khirurgiia, Sofia 7 no.6:
354-362 1954.

1. Meditsinska Akademii Vulko Chervenkov. Katedra po bolnitchna
khirurgii. Zaveshdashch katedrata: prof. St.Dimitrov.
(CHOLELITHIASIS, surgery,)

INFORMATION, CI

DOBREV, Ts.; AVRANOV, A.

~~SECRET~~
Clinical aspects and combined therapy of chronic tuberculous epidididymitis. Khirurgia, Sofia 3 no.1:4-9 1955.

1. Vissh meditsinski institut V. Chervenkov - Sofia katedra po bolnichna khirurgia. Zav. katedrata: prof. St. Dimitrov.
(TUBERCULOSIS, MALE GENITAL, surgery.
cect epidididymitis)

AVRAMOV, A.; GRUEV, G.; KUNCHEV, Gr.

Abdominal trauma in children. Khirurgia, Sofia 9 no.2:
129-137 1956.

1. Vissh meditsinski institut V. Chervenkov, Sofia Klinika
po bolichna khirurgia. Zav. Katedrata: prof. St. Dimitrov.
Institut za bursa meditsinska pomoshch N. I. Pirogov. Gl.
lekar: B. Devetakov.

(ABDOMEN, wounds and injuries,
in child. (Bul))

(WOUNDS AND INJURIES,
abdom., in child. (Bul))

RUMANIA/Human and Animal Physiology - Reproduction.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 13104

Author : Iacubov, J., Avramov, A.

Inst : AS RFR

Title : Atypical Case of Eclampsia in Third Month of Pregnancy

Orig Pub : Studii si cercetari endocrinol. Acad. RFR, 1957, 8,
No 4, 477-479

Abstract : No abstract.

Card 1/1

GRUEV, G.; AVRAMOV, A.; DOBREV, Ts.

Treatment of varicose veins in the lower extremities. Khirurgiia, Sofia
10 no.8:716-724 1957.

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Zav. Katedrata: prof. St. Dimitrov.
(VARICOSE VEINS, surg.
combined method)

BOZADZHIEVA, B.; AVRAMOV, A.; SIVCHEV, S.

A case of successfully operated ulcerative colitis. Suvrem.med.,
Sofia no.11:93-99 '59.

1. Iz Katedrata po bolnichna terapiia pri VMI - Sofia. Zav. katedrata: prof. A. Pakhlev. Katedrata po bolnichna khirurgiia pri VMI - Sofia. Zav. katedrata: prof. Ct. Dimitrov. i Katedrata po patologichna anatomia pri VMI - Sofia. Zav. katedrata: prof. B. Kurdshiev.

(COLITIS ULCERATIVE surg.)

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Intestinal malrotation. Khirurgiia, Sofia 12 no.11:960-965 '59.

1. Vissh meditsinski institut - Sofia. Katedra po bolnichna
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(INTESTINES abnorm.)

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(ADRENOGENITAL SYNDROME in inf & child)

BAYEV, V., dotsent; AVIAMOV, A., assistant; BOZADZHIYEVA, Ye., assistant
(Sofiya)

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14 no.1:47-56 '61.

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AVRAMOV, A.; KHRISTOV, G.

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(SARCOMA in inf & child)

(INTUSSUSCEPTION in inf & child)

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1. Chair of Pediatrics, (Director: Prof. L. Racev) and Chair of
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(PALATE, surgery,
plastic, conservative technic)

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AVRAMOV, D.; BRIDGERLIN, M.; KHRISTOV, T.; ONSHVA, N.; RUSKOV, R.;
LIKOV, Ch.

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institut V. Chervenkov --Sofia, Zav. katedrata: prof. G. Smil-
ianov.

(~~TEETH~~,

edentulous, soc. aspects in Bulgaria)

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Bulgaria/Military

B-570

AVRAMOV, Evgeni, Podpolkovnik, Med Ser; author of an article, entitled "Determining the Dimensions of the Left Auricle." (Voenno Meditsinsko Delo, Sofia, Mar 61, pp 62-65;)

24
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B-571

AVRAMOV, E., Podpolkovnik, Med Ser; and Doctor Z. Pupkov are the authors of an article entitled "Concerning Some Results of Roentgen Examination During Operative Treatment of Mitral Stenosis." (Voenno Meditsinsko Delo, Sofia, Mar 61, pp 57-61)

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3. "The Organized Nation of the Future, from the 'War Machine' to the 'War Machine'." P. WILSON and M. ATKINSON, (no explanation given), pp 100.
4. "The Organized Nation of the Future, from the 'War Machine' to the 'War Machine'." P. WILSON and M. ATKINSON, (no explanation given), pp 100.
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7. "The Organized Nation of the Future, from the 'War Machine' to the 'War Machine'." P. WILSON and M. ATKINSON, (no explanation given), pp 100.
8. "The Organized Nation of the Future, from the 'War Machine' to the 'War Machine'." P. WILSON and M. ATKINSON, (no explanation given), pp 100.
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AVRAMOV, F.P.

"Sormait", a hard-alloy filler metal used at high-frequency currents.
Stan. 1 instr. 26 no.11:27-28 N '55. (MIRA 9:2)
(Cutting tools) (Electric welding)

Avramov P

137-58-3-5304

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 120 (USSR)

AUTHORS: Avramov, F. P., Kuz'menko, P. G.

TITLE: Employment of Welding to Build up the Working Surfaces of Stamping Dies Employed in Hot and Cold Forging of Metal
(Naplavka rabochikh chastey shtampov, primenyayemykh dlya goryachey i kholodnoy obrabotki metalla)

PERIODICAL: Vesin tekhn. inform. M-vo trakt. i s.-kh. mashinostr. SSSR, 1957, Nr 5, pp 6-7

ABSTRACT: The "Serp i Molot" (Hammer and Sickle) plant in Khar'kov adopted a method of employing arc welding for the purposes of building up worn out working sections of dies made of steels 5KhV, 5KhNT, and U8, as well as for the manufacture of new dies of steel 45. Electrodes composed of a core of 18Kh14A and 4Kh13 steel covered with a coating of the UONI-13/55 type were employed in the bead welding. The technology of manufacture of electrodes and the preparation of dies for bead welding operations is given together with a description of the procedure required for this process. Prior to welding the components are heated to 200-250°. V.M.

Card 1/1

137-58-6-12689

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 215 (USSR)

AUTHORS: Avramov, F.P., Kuz'menko, P.G.

TITLE: Facing Tools with the Hard Alloy "Sormite" on a High-frequency Equipment (Naplavka instrumenta tverdym splavom "sormayt" na ustanovke tokov vysokoy chastoty)

PERIODICAL: Vestn. tekhn. inform. Tsentr. byuro tekhn. inform. trakt. i s.-kh. mashinostr., 1957, Nr 6, pp 13-15

ABSTRACT: The cast hard alloy, sormite, is a desirable facing for production equipment (tools and fixture parts) of high-carbon or alloy tool steel having low wear resistance. The oxyacetylene-flame and arc facing methods now in use suffer a number of serious shortcomings. A more advanced method is facing by means of the GZ-46 tube-type high-frequency oscillator as introduced at the Khar'kov "Serp i molot" Plant. Sormite facing with this equipment has the following advantages: higher rate of output and improved working conditions; absence of deformation of the tool thanks to the fact that the area subjected to heating is small; the seam is more dense and homogeneous, as this method eliminates any possible access

Card 1/2

137-58-6-12689

Facing Tools with the Hard Alloy "Sormite" on a High-frequency Equipment of impurities. the burning off of the alloying elements is considerably reduced; and there is no need for any special electrodes. A description of this method of facing is offered. Heating procedures for structural steel parts are recommended.

V.B.

1. Cutting tools--Hardening
 2. Surfaces--Materials
 3. High frequency heating
- Applications

Card 2/2

KONONENKO, Viktor Vasil'yevich; AVRAMOV, F.P., otv.red.; TSYMBALO, B.D.,
tekhn.red.

[Basic trends in the development of advanced equipment and
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napravleniya razvitiia peredovoi tekhniki i tekhnologii v mashino-
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19-17 My-Ja '64. (MIRA 17:11)

AVRAMOV, G.

~~TECHNOLOGY~~
TECHNOLOGY

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Monthly List of East European Accession (EEAI), LC., Vol. 8, no. 2
February 1959, Unclass.

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Periodical: ELEKTROENERGIJA. Vol. 9, No. 9, Sept. 1958.

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Repairing reinforced concrete construction of the hydraelectric
stations. Elektroenergiia 12 no.8:21-24 '61.

(Hydroelectric power stations)
(Reinforced concrete constructions)